

Application no 10/642,811
Application Dated August 19, 2003
Reply to office action of April 14, 2006

Amendments to the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of claims:

Claims 1- 16 (canceled)

Claim 17 (new)

A permanent pacemaker or cardioverter-defibrillator (PPM/ICD) system comprising: a built in small electric power generator, wherein this generator has a small magnet which can rotate and a coil encircles this magnet to generate power for recharging the battery; wherein the PPM/ICD box has radiological markers to align with a large radius circular coil which can move in multiple planes and has fluoroscopic facility for alignment; and if internal small generator fails, the PPM/ICD box has two radiologically distinct poles covered with insulating material to connect to an outside power source, wherein this PPM/ICD box will be supplied with a programming software written on a non-rewritable CD and a telemetry wand so that by using a personal computer with internet and multimedia facility patient is connected to a programming centre which may be hundreds of miles away and thus making follow up of patients easy and available round the clock; wherein these changes can also be applied to other battery based implantable medical devices.

Claim 18 (new)

A permanent pacemaker or cardioverter-defibrillator as claimed in claim 17 wherein built in generator has a small non electric or electric magnet which can be cylindrical, rectangular, and squarish or any other shape.

Claim 19 (new)

A permanent pacemaker or cardioverter-defibrillator as claimed in claim 17 wherein magnet is surrounded by a coil of cylindrical, rectangular, squarish or any other shape.

Claim 20 (new)

A permanent pacemaker or cardioverter-defibrillator as claimed in claim 17 wherein the magnet is surrounding the coil.

Claim 21 (new)

A permanent pacemaker or cardioverter-defibrillator as claimed in claim 17 wherein The PPM/ICD box has radiological markers that can be used to align the box to an outside structure such as, the large radius circular coil to supply energy to the built-in generator.

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Claim 22 (new)

A permanent pacemaker or cardioverter-defibrillator as claimed in claim 21 wherein the large radius circular coil to supply energy can be circular, rectangular, and squarish or any other shape.

Claim 23 (new)

A permanent pacemaker or cardioverter-defibrillator as claimed in claim 21 wherein this large radius circular coil has a fluoroscopy facility to align to the PPM/ ICD box.

Claim 24 (new)

A permanent pacemaker or cardioverter-defibrillator as claimed in claim 21 wherein the large radius circular coil can move in multiple planes.

Claim 25 (new)

A permanent pacemaker or cardioverter-defibrillator as claimed in claim 17 wherein the PPM/ICD box has two or more radiological distinct poles, to connect with an outside energy source in the event of failure of the built in small generator.

Claim 26 (new)

A permanent pacemaker or cardioverter-defibrillator as claimed in claim 25 wherein these poles are covered with gel like insulating material, and further thick PVC like insulation or any other type of insulation.

Claim 27 (new)

A permanent pacemaker or cardioverter-defibrillator as claimed in claim 17 wherein the box will be compatible with a telemetry wand, which is able to communicate with the home based personal computer systems.

Claim 28 (new)

A permanent pacemaker or cardioverter-defibrillator as claimed in claim 27 wherein PPM/ICD and telemetry wand will be compatible with programming software on non-rewritable, rewritable compact disk or some other type of storing device but preferably a non-rewritable CD to prevent corruption of the software.

Claim 29 (new)

A permanent pacemaker or cardioverter-defibrillator as claimed in claim 27 wherein wherein software will be compatible with an internet/network connection facility.

Claim 30 (new)

A permanent pacemaker or cardioverter-defibrillator as claimed in claim 27 wherein software will be compatible with a remote programming facility where patient is not sitting in PPM/ICD clinic, but is connected via internet to a central programming centre which may be hundreds of miles away from the patient's physical location, this centre will offer twenty four service.

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